

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit:	To be assigned
)		
Wilk, et al.)	Examiner:	To be assigned
)		
Serial No.	To be assigned)	
)		
Filed:	Herewith)	
)		
For:	HIGH-POWER)	
	ULTRACAPACITOR ENERGY)	
	STORAGE PACK AND METHOD)	
	OF USE)	

PETITION TO MAKE SPECIAL DUE TO ENVIRONMENTAL QUALITY/ENERGY CONSERVATION

Mail Stop: Patent Application
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

Applicants of the above-referenced application hereby petition to make the above-identified application special because the invention materially enhances the quality of the environment and/or materially contributes to the conservation of energy resources.

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02 FC:1460

130.00 OP

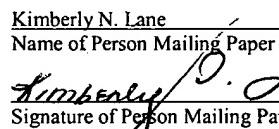
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Kimberly N. Lane
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In a preferred implementation, the energy storage pack of the present invention is a key element in hybrid electric drive systems for heavy duty vehicles. It captures more braking regenerative energy than batteries. This saves fuel and exhaust emissions. It also saves brake wear and the corresponding particulate matter from worn brake shoes and pads. Since this invention potentially will last the life to the vehicle, it also saves the environmental impact of recycling batteries that it replaces. Heavy duty vehicles consume about 26% of the nations fuel use and contribute about 60% of the exhaust emissions. The energy storage pack of the present invention also provides a method of storing energy to supply peak energy demands during equipment switch over and for the operation of heavy duty equipment to average out cycling power demands. This also helps to conserve fuel. Accordingly, the energy storage pack of the present invention enhances the quality of the environment and/or materially contributes to the conservation of energy sources.

Applicants earnestly requests the granting of this petition to expedite the prosecution of this application.

Respectfully submitted,

Dated: November 24, 2003

By: 
Patricia J. Rawlins
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